

FIG. 1

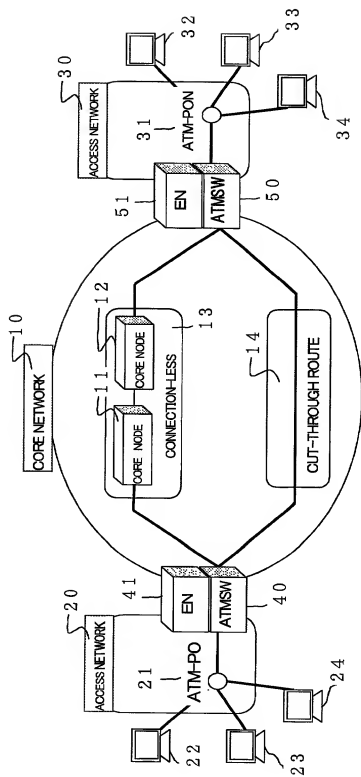


FIG. 2

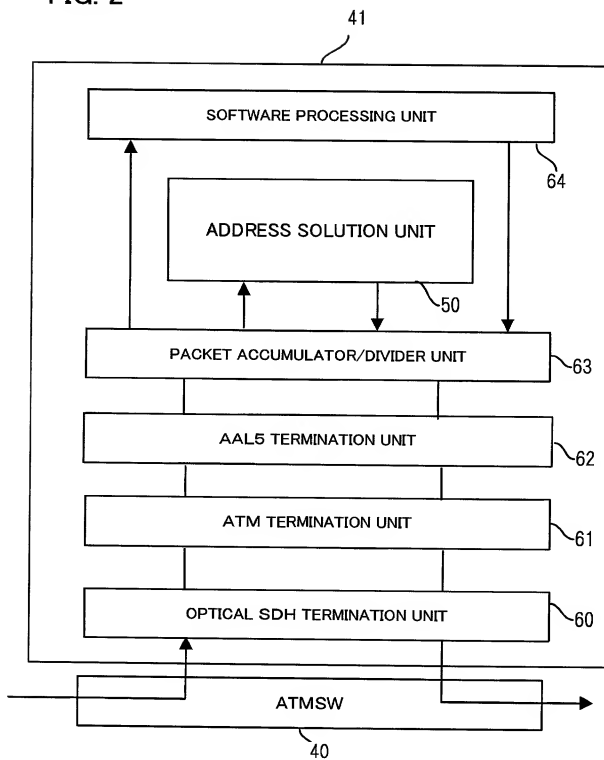
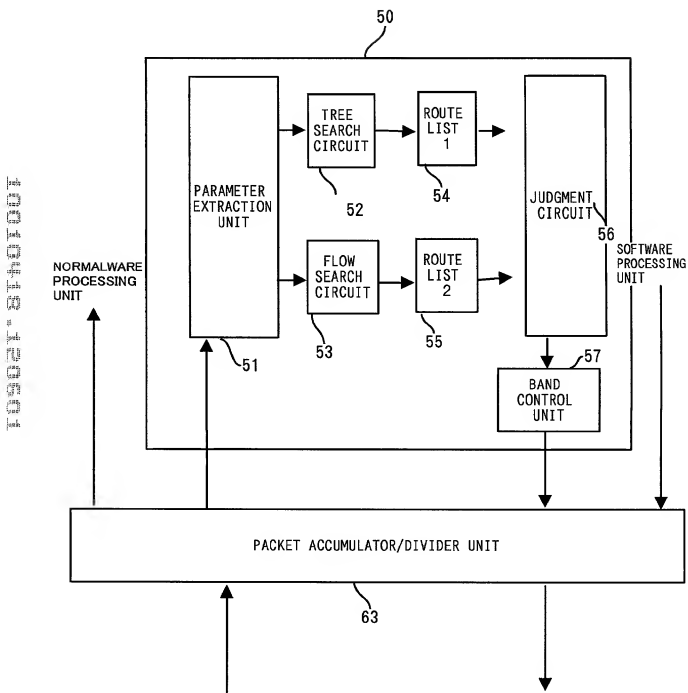


FIG. 3



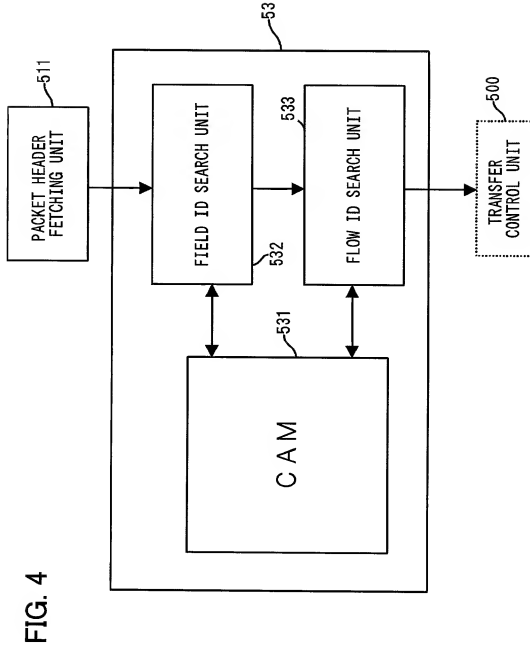


FIG. 5

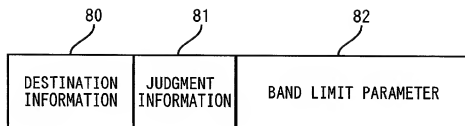


FIG. 6

TREE SEARCH RESULT					
FLOW SEARCH RESULT	DISCARD, 110	SOFTWARE HOPPING, 111	NORMAL SOLUTION, 112	PRIORITY ONLY VALID, 103	CONDITIONAL SOFTWARE HOPPING, 105
	DISCARD 100	SOFTWARE HOPPING 101	NORMAL SOLUTION	PRIORITY ONLY VALID 103	CONDITIONAL SOFTWARE HOPPING 105
	HARDWARE DISCARD				
	SOFTWARE HOPPING (FLOW)				
	NORMAL TRANSFER (FLOW)				
FLOW SEARCH RESULT	PRIORITY ONLY VALID, 113	SOLUTION INVALID, 114	CONDITIONAL SOFTWARE HOPPING, 115	SYNTHESIZING BOTH SETTING, 122	
	HARDWARE DISCARD	SOFTWARE HOPPING (TREE)	SOFTWARE HOPPING (TREE)	NORMAL TRANSFER (TREE) 123	ADDRESS SOLUTION NG
	NON SUPPORT PROTOCOL DISCARD		SOFTWARE HOPPING (TREE) 121		
	NON SUPPORT PROTOCOL DISCARD		SOFTWARE HOPPING (TREE) 121		

FIG. 7

CAM531

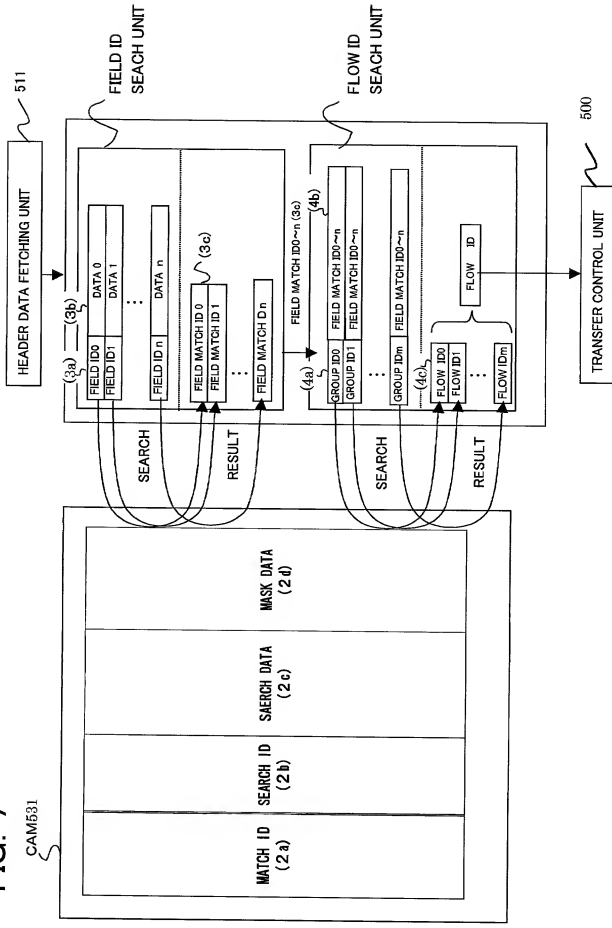
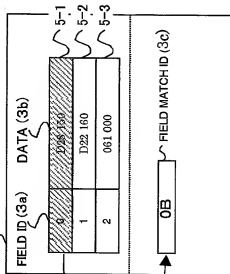


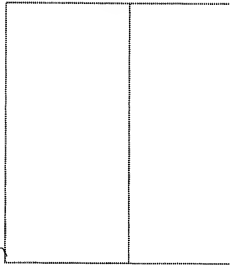
FIG. 8

CAM 531

FIELD ID SEARCH UNIT 532



FLOW ID SEARCH UNIT 533



5-4

MATCHID 2a	SEARCHID 2b	SEARCH DATA 2c	MASK DATA 2d
0A	0	D28 100	F FFF FFF
0B	0	D28 160	F FFF FFF
0C	0	D27 160	F FFF 000
1A	1	D22 000	F FFF 000
1B	1	D24 100	F FFF FFF
2A	2	061 123	F FFF FFF
2B	2	062 123	F 000 FFF
3A	8	0B 1A 2A	F FF FF FF
3B	9	0B 1A 2A	F FF FF 00
3C	A	0B 1A 2A	F FF 00 00
3D	8	0A 1B 2C	F FF FF 00
3E	9	0A 1B 2C	F 00 00 FF



FIG. 9

CAM 531

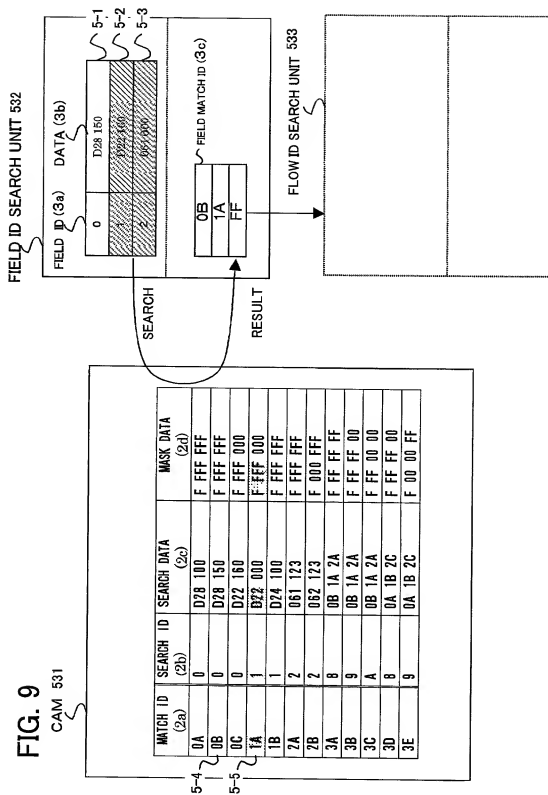


FIG. 10  
CAM531

FIELD ID SEARCH UNIT 532

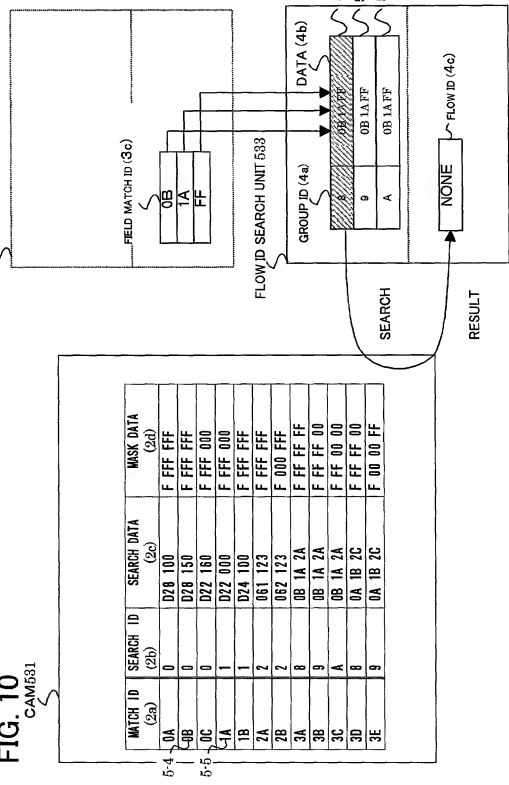
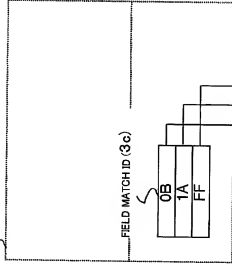


FIG. 11

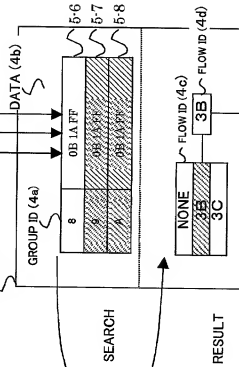
CAM 531

	5-4	5-5	5-6	5-7	5-8	5-9	5-10
W	0A	0B	0C	1A	1B	2A	2B
SEARCH ID (2a)	0	0	0	1	1	2	2
SEARCH DATA (2b)	D28 100	D78 150	D22 160	D22 000	D24 100	061 123	062 123
MASK DATA (2c)	F FFF FFF	F FFF FFF	F FFF 000	F FFF 000	F FFF FFF	F FFF FFF	F 000 FFF
W	3A	3B	3C	3D	3E	0A	0B
SEARCH ID (2a)	8	9	A	B	9	1A	1B
SEARCH DATA (2b)	0B 1A 2C	0B 1A 2A	0B 1A 2A	0A 1B 2C	0A 1B 2C	0A 1B 2C	0A 1B 2C
MASK DATA (2c)	F FF FF FF	F FF FF FF	F FF FF FF	F FF FF FF	F FF FF FF	F FF FF FF	F FF FF FF

FIELD ID SEARCH UNIT 532



FLOW ID SEARCH UNIT 533



500

TRANSFER CONTROL UNIT